

2018-19 Semester Planner for B.S. Biology Biomed Concentration Placement in Math 151/156 and WRTG 111

Fall First year* (15 – 17 credits)				Spring First year (15 credits)			
Chem 105	Chemistry I	4		Chem 106	Chemistry II	4	
Biol 115	Biology I	4		Biol 116	Biology II	4	
WRTG 111	Academic Writing	3		Math 151/ 156	GER Math	4	
LS 101	Library Science	1		COJO 121/131/141	GER Communications	3	
1)	GER A/H/SS	3-5					
Fall Second year (14 – 16 credits)				Spring Second year (13+ credits)			
Biol 260	Genetics	4		Biol 360	Cell and Molecular Biology	3	
WRTG 211/212/ 213/214	Academic Writing II	3		Math 230/251	Calculus I/Calc w/Applications	4	
Chem 321	Organic Chemistry I	4		Chem 325	Organic Chem II	4	
1)	GER A/H/SS	3-5		1)	GER A/H/SS	3-5	
Fall Third year (14 - 16 credits)				Spring Third year (12+ credits)			
Biol 310/111	Animal Physiology OR Anatomy & Physiology I	4		Biol 112/ 3) or 4)	Anatomy & Physiology II OR Biol major requirement	3-4	
Phys 103	College Physics I	4		Physics 104/ CS 103/CS 201	only need one of these	3-4	
Stat 200 or 300	Statistics	3		Chem 351	General Biochem Metabolism	3	
1)	GER A/H/SS	3-5		1)	GER A/H/SS	3-5	
Fall Fourth year (10+ credits)				Spring Fourth year (9+ credits)			
Biol 481	Evolution	4		Biol 342	Microbiology		
Biol 400	Capstone			2)	GER Ethics	3	
3) or 4)	Biol major requirement	3-4		3) or 4)	Biol major requirement	3-4	
3) or 4)	Biol major requirement	3-4		3) or 4)	Biol major requirement	3-4	

In addition to the specifically listed courses above, you are required to work in the GER as well as

Major requirements listed below:

- 1) GER specific list A/H/SS (5 classes): 1 Art (most require Sophomore standing); 1 Humanities; 2 Social Sciences (two different disciplines); 1 additional from the Art/Humanities/Social Sciences lists
- 2) GER specific list: 1- 300 level Ethics (Jr standing or above)
- 3) One List C or D Biology elective – cannot double count from those already listed above
- 4) Three additional biology electives List E (9-12 credits) – cannot double count from those already listed above
- 5) Biol 400 Capstone – can be built into a specific course & double counted as biology elective 3) or 4) category: Biol 434; 441; 466; 472; 473; 491; or can be an independent study set up between a student and faculty member – can also be designated as a List ___ Biology elective based upon research focus to cover one of the required 3) or 4).
- 6) General Electives enough to bring credit total to 120 credits

*May need to consider taking Biology/Chemistry/Math or Stats courses over summer semester reduce course load

08/30/18